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INEFFICIENCIES IN MACHINE TOOL INDUSTRY; AUTOMATIC TRANSFER MACHINE LINES; METAL-CUTTING MACHINE TOOLS

BLAME POOR ORGANIZATION FOR LOW EFFICIENCY -- Yerevan, Kommunist, 2 Aug 52

The Yerevan Machine Tool Building Plant imeni Dzerzhinskiy, called upon to play a leading role in introducing advanced techniques to production, is a lagging enterprise.

In the past 1.5-2 years, the output of machine tools has been at about the same level, and gross production has increased only 6-7 percent. Consistently, the plan for reducing the cost of production has not been fulfilled. As a result of poor production organization and slight utilization of advanced techniques, meeting the assignment for increasing labor productivity has not been assured. The plant continues to operate unprofitably and spasmodically. In the last third of the month, 55-60 percent of the monthly quota of machine tools are put out. The quality of the products leaves much to be desired, as evidenced by the large number of complaints received.

PLANT CONTINUES TO LAG -- Yerevan, Kommunist, 24 Sep 52

The Yerevan Machine Tool Building Plant imeni Dzerzhinskiy (Virabyan, director) fulfilled only 97.5 percent of its 6-month plan. Its 1951 plan was 5.3 percent short of fulfillment.

Casting technology is being disrupted at the plant, only 55-60 percent of the equipment is being utilized, the importance of constant-flow methods of manufacturing parts is not stressed enough, schedules are not being maintained, and the shops are not being supplied with tools at the proper time.

The poor work on the part of the plant's managerial personnel and in particular of its technical personnel (Shatvoryan, chief engineer) has been blamed for the nonfulfillment of plans.

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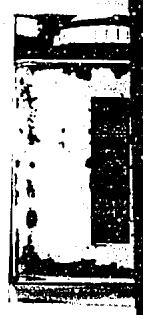

IMPORTANCE OF PROPER PERSONNEL SELECTION -- Moscow, Vechernyaya Moskva, 24 Sep 52

The Moscow Internal Grinding Machine Plant has been subjected to severe but justifiable criticism for its unsatisfactory operations. Plant personnel failed to fulfill the plan for 7 months of 1952. However, in August it exceeded the plan for commodity and gross production. After 20 days of successful operation in September, it can be announced that the personnel will meet their socialist obligation assumed in honor of the Nineteenth Party Congress. The most important task will be to complete the automatic transfer machine line for the production of piston pins for the automobile and tractor industry.

Although improvements have been made, serious shortcomings still exist, such as last-minute speed-ups which must be eliminated.

It can be stated that one point in the plan for changing the party rules with regard to the careful selection of personnel pertains to the Ministry of Machine Tool Building. The director, chief engineer, and chief technologist are changed almost every year at the Internal Grinding Machine Plant. This testifies to the inadequate attention given to the selection of personnel. The chief designer failed in his work, showed himself indifferent to politics, put a damper on criticism, and detailed Communist designers to secondary operations. The ministry and main administration ignored the warnings of the party organization and requirements of the Kirovskiy Rayon Committee VKP(b). The chief designer was relieved from duty only 2 weeks ago -- A. S. Vartanyan, secretary of the Party Bureau of the Internal Grinding Machine Plant.

TOOL BUILDING PLANT -- Tallin, Sovetskaya Estoniya, 11 Sep 52

M. Pechenev, director of the Tallin Vol'ta Plant has complained that the Moscow Stankokonstruktsiya Plant of the Ministry of Machine Tool Building USSR has shipped it an automatic transfer machine line but has not yet set up the equipment for normal operation. Specialists from this plant have visited the Vol'ta Plant several times but have accomplished nothing.

NEW MACHINES FOR PISTON PLANT -- Moscow, Pravda, 9 Aug 52

In 1952, machine tool building plants have put out a great deal of new high-duty equipment designed by Soviet designers.

The second line of the automatic plant for automobile pistons has been built. Where the automatic equipment in the first line was intended for producing ZIS pistons, similar parts for the GAZ truck will be produced in the second line.

The personnel of the Experimental Scientific Research Institute of Metal Cutting Machine Tools and a number of Moscow enterprises participated in the development of the second line. Automatic grinding and boring machines and other unit-type machine tools were built at the Moscow Stankokonstruktsiya Plant. Workers at the Moscow Krasnyy Proletariy Plant built an automatic machine for casting pistons. A number of unit-type machine tools for machining parts and a packing machine were manufactured in the shops of the Moscow Plant imeni Ordzhonikidze. The Dmitrov Milling Machine Plant made the transporting devices.

NEW MACHINE TOOLS AND AUTOMATIC TRANSFER MACHINE LINES -- Moscow, Moskovskaya Pravda, 14 Sep 52

On 12 September, the assembly of two powerful unit-type machine tools was completed at the Moscow Machine Tool Building Plant imeni Ordzhonikidze. They will be incorporated in a new automatic transfer machine line for the bearing industry.

Units and parts flow constantly from shop to shop and from aisle to aisle at the plant. Nearly complete vertical lathes have been built in one area of the long flow-line, and in another area, unit-type machine tools are being assembled, on which the process of machining engine blocks will be accelerated many times. Units of machine tools intended for finishing plowshares are concentrated in a section on the opposite side.

In 8 months of 1952, the production of seven new types of automatics and special machine tools has been set up.

In September, the plant will put out two automatic transfer machine lines for high-speed machining of bearing parts.

REPAIR PLANT MASTERS PRODUCTION OF NEW EQUIPMENT -- Frunze, Sovetskaya Kirgiziya, 18 Sep 52

The Frunze Repair Plant has mastered the series production of special machine tools for boring bearings. This equipment is assisting machine tractor stations to repair the tractor park quickly and efficiently. The plant has also begun to master the production of light sheet iron made of molten metal.

LATHE WITH CERAMIC CUTTERS TO GO INTO SERIES PRODUCTION -- Riga, Sovetskaya Latviya, 31 Jul 52

A new lathe will go into series production by the end of 1952 at the Moscow Krasnyy Proletariy Plant. Its spindle speed reaches 2,000 revolutions per minute. Steel parts can be machined on it at a speed of 1,400 meters per minute with the use of ceramic cutters.

SHIP MACHINE TOOLS TO URALS, KEMEROVSKAYA OBLAST, AND KRASNOYARSK -- Kishinev, Sovetskaya Moldaviya, 16 Aug 52

Thousands of TShS-250 tool-grinding machines have been assembled at the Kishinev Machinery Plant imeni G. I. Kotovskiy. This trademark is well known to toolmakers at many enterprises of the country. Machine tools produced by the Kishinev Plant have been sent to the Urals, Kemerovskaya Oblast, and to Krasnoyarsk. Machine tools have also been shipped to the Volga-Don construction project.

The plant is successfully perfecting complex types of products required by the national economy. The first tool-grinding machines were manufactured in 1951. In a short time, a new technology was worked out and they were set up for series production.

INCREASE PRODUCTION OF METAL-CUTTING MACHINE TOOLS -- Moscow, Pravda, 20 Sep 52

The production of metal-cutting machine tools in the Georgian SSR increased 211 percent in 1951, as compared with 1948.

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